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The Files: Contract 717, T. O. 1

30 July 1962

25X1A9a

**Trip Report - Development of the BP-12 Playback Unit and CA-12
Tape Cartridge**

25X1A5a1

1. Project Description:

The BP-12 is a three speed, magnetic playback unit designed to be used in conjunction with the AS-3 Base Station Receiving equipment. The BP-12 will play back a message previously recorded on a CA-12 Tape Cartridge at speeds of 0.5, 1.0, and 2.0 ips (10, 20, or 40 wpm, respectively). Fast forward and rewind functions are provided at approximately 25 ips. The playback unit is capable of stereo operation to provide a method of utilizing diversity reception. In addition, each channel may be monitored separately by using an internal speaker. The BP-12 will operate from 115/220 VAC, 50/60 cps, is designed for desk mounting and weighs approximately 15 lbs.

The CA-12 is a real-to-reel, magnetic tape cartridge designed specifically for use with the BP-12 playback unit, but will operate satisfactorily with any recorder capable of using the Fidelipac cartridge. The CA-12 operates at 15 ips in a rack mounted recorder to record a medium speed 300 wpm transmission. Then, playing the CA-12 on the BP-12 will give an operator the capability of listening to the previously recorded message at selectable speeds of 10, 20, or 40 wpm. When used with the BP-12, the CA-12 is rewindable. The size of the CA-12 is approximately 7" x 5" x 7/8" and it weighs approximately 12 ounces.

2. Contractual Information:

- a. Initial Cost: \$26,512.00
- b. Initiation Date: 26 June 1962
- c. Completion Date: 30 November 1962
- d. Deliverable Items:
 - 6 each Tape Playback Prototype
 - 15 each Tape Cartridge Prototype
 - 15 copies Operating Instructions and Maintenance Manuals
 - 1 set plus 1 set Reproducible Engineering Drawings
 - 5 copies Monthly Progress Report
 - 5 copies Final Engineering Report

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GROUP 1
EXCLUDED FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION

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CONFIDENTIAL

SUBJECT: Trip Report - Development of the BP-12 Playback Unit and CA-12
Tape Cartridge [REDACTED]

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3. Date of Meeting: 25 July 1962

4. Place of Meeting: [REDACTED]

5. Persons Attending:

Agency

Non-Agency

Mr. [REDACTED]

Mr. [REDACTED]

Mr. [REDACTED]

Mr. [REDACTED]

6. Contractor's Performance:

- a. On Schedule and expected to remain so: Yes
- b. Within Obligated Funds and expected to remain so: Yes
- c. Satisfactory Technical Progress: Yes

7. Project Status:

Parts have been ordered for this project; however, there is nothing significant to report at this time.

[REDACTED] 25X1A9a

Distribution:

R+D Subject File
Inspection Branch/OL/PD
R+D Lab
OC-T
Monthly (2)
EP Chrono

OC-E/R+D-EP:PJP:mlf (30 July 1962)